**Data Handling / Statistics**

**“Which is the most popular letter in English?”**

Instructions:

1. Write down your own guess.

My guess is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the most popular letter in English.

1. Discuss with your group member / classmates and decide a method to solve this problem.
2. Action

**Collecting Data (from random sample)**

1. Choose a book / journal / anything written in English
2. Choose a page
3. Count around 10-15 rows (~500-1000 characters)

**Organizing Data (use a table)**

1. Record the data as a frequency table

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Letter | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| Tally |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Frequency |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (Round off to the nearest tens) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. Enter the data in the spreadsheet prepared by teacher (click or copy the following link)

[**https://docs.google.com/a/vsa.edu.hk/spreadsheet/ccc?key=0AkYzh1FHHFfAdDE3UndPaFhjUGFtTzlyOHZhWE83ZlE&usp=drive\_web#gid=1**](https://docs.google.com/a/vsa.edu.hk/spreadsheet/ccc?key=0AkYzh1FHHFfAdDE3UndPaFhjUGFtTzlyOHZhWE83ZlE&usp=drive_web#gid=1)

**Presenting Data (with bar graph)**

1. Draw a bar graph with your class total results (round off to the nearest tens)

**Analyzing and interpreting Data**

1. Compare the data collected by different classes
2. Discuss the data, compare with your own guess, and make conclusion
3. Use computer aided software to draw a bar graph of the total of 5 classes’ data